



ESTD. 1998

AWADH GIRLS INTER COLLEGE

Affiliated to CBSE, Delhi

Affiliation No.: 2133959, School Code: 71969

(A Unit of Awadh Public Charitable Trust)

Subject	CBSE	ICSE	Madhyamik
Mathematics	<ol style="list-style-type: none"> 1) Real Numbers 2) Polynomials 3) Pair of Linear Equations in two variables 4) Quadratic Equation 5) Arithmetic Progression 6) Triangles 7) Trigonometry (full- including heights and distances) 	<ol style="list-style-type: none"> 1) Linear Inequations 2) Quadratic Equation in one variable 3) Ratio and Proportion 4) Remainder and Factor theorem 5) Matrices 6) Arithmetic Progression 7) Similarity 8) Trigonometry (full- including heights and distances) 	<ol style="list-style-type: none"> 1) Simple and Compound Interest 2) Quadratic Equation in one variable 3) Quadratic Surd 4) Ratio and Proportion 5) Variation 6) Application of Theorem for the solution of Geometric problems 7) Trigonometry (full- including heights and distances) 8) Mensuration - Cuboid, Cylinder, Cone
Physics	<ol style="list-style-type: none"> (1) Electricity (Ohm's Law, Resistance and factors effecting Resistance, Resistivity, Combination of Resistances Series and Parallel, Heating effect of Current and Electric Power and Energy) (2) Reflection (Reflection in Spherical Mirrors) (3) Refraction (Refractive Index, Glass slab and Lens) 	<ol style="list-style-type: none"> (1) Force, Work, Power, Energy (2) Light (Refraction through glass slab & Prism, Total internal Reflection, Lenses) (3) Electricity (Ohm's Law, concepts of EMF, Potential difference, Resistance, Resistivity, Combination of Resistances Series and Parallel, internal resistance, Electrical Power and Energy) 	<ol style="list-style-type: none"> (1) Electricity (Coulumb's Law, Electric Current, Ohm's Law, concepts of EMF & Terminal Voltage, Potential difference, Resistance, Resistivity, Combination of Resistances Series and Parallel, internal resistance, Heating Effect of Current, Electrical Power and Energy) (2) Light (Laws of Refraction, Refraction through glass slab & Prism, Lenses)
Chemistry	<ol style="list-style-type: none"> 1) Chemical reactions and equations. 2) Acids, bases and salts 	<ol style="list-style-type: none"> 1) Periodic classification of elements and periodic properties. 2) Chemical bonding 3) Acids, bases and salts. 	<ol style="list-style-type: none"> 1) Behaviour of gases 2) Chemical calculations. 3) Periodic table and periodicity of the properties of elements 4) Chemical Bonding 5) Chemical effects of electric current.
Biology	<ol style="list-style-type: none"> 1. Life processes (Class 10). 2. How do organisms reproduce (Asexual mode of reproduction) (Class 10). 3. Control & Coordination (Class 10) 	<ol style="list-style-type: none"> 1. Human anatomy and physiology (Class 10) <ol style="list-style-type: none"> a) Circulatory system b) Excretory system c) Endocrine system d) Nervous system 2. Structure of chromosomes (Class 10) 3. Cell cycle and cell division (Class 10) 4. Photosynthesis (Class 10) 	<ol style="list-style-type: none"> 1. Control and Coordination in living organisms (Class 10). 2. Continuity of Life (Class 10). 3. Heredity and some common genetic diseases (Class 10).
Economics (for Science/ Humanities - Economics opting students)	<ol style="list-style-type: none"> 1) Development: <ol style="list-style-type: none"> a) What Development Promises – Different people different goals b) National Development c) How to compare different countries or states? Income and other criteria, Public Facilities d) Sustainability of development. 2) Sectors of the Indian Economy: <ol style="list-style-type: none"> a) Comparing the three sectors Primary, Secondary and Tertiary Sectors. b) Division of sectors as organized and unorganized. c) Sectors in terms of ownership: Public and Private Sectors 3) Money and Credit: <ol style="list-style-type: none"> a) Money as a medium of exchange b) Modern forms of money c) Loan activities of Banks d) Terms of credit e) Formal sector credit in India f) Self Help Groups for the Poor. 	<ol style="list-style-type: none"> 1) Agriculture : Indian Agriculture – Importance, problems and reforms. 2) Manufacturing Industries : Importance and classification <ol style="list-style-type: none"> a) Agro based Industry – Sugar and Textile (Cotton) b) Mineral based Industry – Iron & Steel (TISCO, Rourkela), Petro Chemical and Electronics 3) Transport Importance and Modes – Roadways, Railways, Airways and Waterways – Advantages and disadvantages 4) Population - Distribution of Population (Dense and sparse). 	<p>INDIA ECONOMIC ENVIRONMENT :</p> <ol style="list-style-type: none"> 1) Agriculture - importance and forms of irrigation major crops: food crops - rice, wheat, plantation crops- tea and coffee, fibre crops- cotton and jute. 2) Industries : Textiles - cotton and jute; Iron and steel; Engineering - locomotives and automobiles, petro- chemical.
History (for Humanities)	<ol style="list-style-type: none"> 1. The rise of Nationalism in Europe. 2. Nationalism in India <ol style="list-style-type: none"> 3. Age of Industrialisation 4. Print Culture and the Modern World 	<ol style="list-style-type: none"> 1. First phase of the Indian National movement (1857-1917) <ol style="list-style-type: none"> 2. Mass Phase of Indian National movement (1915-1947) 3. The Contemporary World <ol style="list-style-type: none"> A. 1st World War B. Rise of Dictatorships C. 2nd World War 	<ol style="list-style-type: none"> 1. Reforms: Characteristics and Observations 2. Early stages of collective action (The Revolt of 1857) 3. Multiple voices of Collectivity: Alternative ideas of initiatives from mid 19th-early 20th century 4. Second half of the 20th century (1946 -50) <ol style="list-style-type: none"> 5. Movements organised by women, students and marginal people in 20th century
Geography (for Humanities)	<ol style="list-style-type: none"> 1. Resource and Development. 2. Agriculture. 3. Manufacturing Industries 4. Lifelines of National Economy 5. Water Resources 	<ol style="list-style-type: none"> 1. Climate of India 2. Minerals and energy resources 3. Agriculture 4. Soils of India 5. Transport 	<ol style="list-style-type: none"> 1. Exogenetic processes and the resultant landforms. 2. Waste Management 3. Atmosphere. 4. Hydrosphere 5. India: economic environment
English (for Commerce and Humanities)	<ol style="list-style-type: none"> 1. Comprehension (short questions and vocabulary test) 2. Composition (Paragraph Writing, Article) 3. Grammar (Determiners, Modals, Subject-Verb Agreement, Tenses, Active and Passive Voice, Reported Speech) 	<ol style="list-style-type: none"> 1. Comprehension (short questions and vocabulary test) 2. Composition (Paragraph Writing, Article, Debate) 3. Grammar- Do as Directed Topics-Determiners, Narration, Tenses, Active-Passive Voice, Preposition, Conjunction, Kinds of Sentences 	<ol style="list-style-type: none"> 1. Comprehension (short questions and vocabulary test) 2. Composition (Paragraph Writing, Articles) 3. Grammar- Determiners, Narration, Tenses, Phrases and Clauses, Preposition, Conjunction, Phrasal Verbs, Active and Passive Voice
General Awareness (For all boards)	<ol style="list-style-type: none"> 1. Questions regarding current affairs. 2. Abbreviations of different international and business organisations. 3. Questions on commercial mathematics like percentage and profit and loss. 4. Basic economic concepts on class IX -X syllabus 		



Kadja, Semariyawan, Sant Kabir Nagar



www.awadhgirlsic.in



+91-9651541048, 9811061788, 9621001048



agic@awadh.org.in, 71969@cbseshiksha.in